

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-40 (Canceled)

41. (New) A DNA product comprising from about 95% to about 100% circular plasmid DNA, wherein said DNA product contains;

less than 5% by weight of RNA wherein said weight range of RNA is less than 0.0001% to 0.00001% RNA;

a weight range of host DNA less than 0.002 μg to 0.00002 μg of host DNA/ μg of DNA product;

a weight range of protein from about 0.00000001 μg to about 0.001 μg protein per μg DNA product;

an endotoxin amount ranging from 0.0001EU/ μg to 0.0002EU/ μg of DNA product; and

wherein said DNA product contains an amount of host cell derived impurities that is undetectable under normal assay conditions by any one of a group consisting of: LAL assay, Southern blot assay, chromatography, Northern blot assay, and ethidium bromide agarose analysis.

42. (New) A sterile container containing the DNA product of claim 41.

43. (New) A kit comprising the DNA product of claim 41.

44. (New) The DNA product of claim 41, wherein said DNA product is suitable for pharmaceutical use.

45. (New) A medicament comprising the DNA product of claim 41.

46. (New) The DNA product of claim 41, wherein said DNA product is essentially free of host cell derived pyrogens.

47. (New) The DNA product of claim 41, wherein said DNA product is essentially free of host chromosomal DNA.